DWA_01.3 Knowledge Check_DWA1

_____

1. Why is it important to manage complexity in Software?

To make your code readable and so that you can detect bugs easily, overall fix code functionality.

_____

2. What are the factors that create complexity in Software?

- Type coercion
- Using correct data type(string vs numbers)
- No use of comments

_____

3. What are ways in which complexity can be managed in JavaScript?

- Add comments
- Make sure your code is readable
- Structure your code
- Use correct styling

_____

4. Are there implications of not managing complexity on a small scale?

- Bugs wont be detected easy
- It can cost you a project that you working on
- Check, update and upgrade your code

_____

5. List a couple of codified style guide rules, and explain them in detail.

Javascript standard style
- Use 2 spaces for indentation. ...
- Use single quotes for strings except to avoid escaping. ...
- No unused variables.
- Add a space after keywords.
- Add a space before a function declaration's parentheses.
- Always use === instead of == . ...
- Infix operators must be spaced. ...
- Commas should have a space after them.

_____

6. To date, what bug has taken you the longest to fix - why did it take so long?

IWA_19, bugs that don't log to console like symbols and not taking my time to understand what was needed for me to complete my task, also not using the relevant resources on time.

_____